Title (en)

CHANNEL TRAINING USING A REPLICA LANE

Title (de)

KANALTRAINING MITTELS EINER REPLIKASPUR

Title (fr)

ENTRAÎNEMENT DE CANAL À L'AIDE D'UNE VOIE DE RÉPLIQUE

Publication

EP 3260983 A1 20171227 (EN)

Application

EP 16200968 A 20161128

Priority

- US 201615192287 A 20160624
- US 2016052725 W 20160921

Abstract (en)

Systems, apparatuses, and methods for utilizing training sequences on a replica lane are described. A transmitter is coupled to a receiver via a communication channel with a plurality of lanes. One of the lanes is a replica lane used for tracking the drift in the optimal sampling point due to temperature variations, power supply variations, or other factors. While data is sent on the data lanes, test patterns are sent on the replica lane to determine if the optimal sampling point for the replica lane has drifted since a previous test. If the optimal sampling point has drifted for the replica lane, adjustments are made to the sampling point of the replica lane and to the sampling points of the data lanes.

IPC 8 full level

G06F 11/22 (2006.01)

CPC (source: EP)

G06F 11/221 (2013.01)

Citation (search report)

- [A] US 2012106687 A1 20120503 - BULZACCHELLI JOHN F [US], et al
- [A] US 2005041683 A1 20050224 - KIZER JADE M [US]

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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DOCDB simple family (application)

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